

# WISCONSIN FOREST TREE PLANTING HERBICIDES...2003

Table 3a. Herbicides Registered for Tree Planting WDNR, Forest Health Protection

Product Name Active Ingredient	Formulation	Application and Amount	Timing	Comments
Transline clopyralid 40.9%	Water soluble liquid	Apply to foliage over top of young trees. Apply 2/3 to 1 1/3 pt per acre in at least 20 gal water per acre.	Apply when weeds are actively growing. Treat thistles, alfalfa and knapweed from late spring to early summer.	See supplemental labeling for use in tree planting sites. <b>Endangered species restriction: application on wild lupine prohibited.</b>
Glyphosate 41.5 - 53.8% (Accord, Glypro, Glyflo, and other product names)	Water soluble liquid	Aerial or ground, broadcast or directed spray. See labels for application rates for site prep and conifer release. Several tank mixtures.	After full leaf expansion; woody plants late summer. Release after bud set in fall or before bud swell in spring. Alfalfa: see handout.	For release of pines and spruces, apply at end of first growing season with reduced rates. (See labels) <b>Endangered species caution.</b>
Pronone 10G Hexazinone 10%	Granules	Broadcast or spot apply by aerial or ground equip. 10 to 40 lbs of product per acre depending on soil texture.	In spring during active weed growth. At least 2 months after tree planting.	Rates vary with soil texture and soil organic matter. <b>Endangered species caution.</b>
Velpar L Hexazinone 25%	Water dispersible liquid	Broadcast or directed spray. 2 to 8 quarts per acre for release, see label.	Late spring to early summer; see label.	Rates vary with soil texture and soil organic matter. <b>Endangered species caution.</b>
Velpar DF Hexazinone 75%	Dispersible granules	Site prep, conifer release, grid or single stem treatment. Apply 1 1/3 to 6 2/3 lb per acre.	Early spring to early summer.	Release trees 2 to 4 years from planting. See label. <b>Endangered species caution.</b>
Arsenal AC imazapyr 53.1%	Soluble liquid	Helicopter, ground spray. Apply 1/4 to 2.5 pints per acre. See label.	After full leaf development; Cut surface any time except sap flow	See supplemental labeling for site prep and release. <b>Endangered species caution.</b>
Linex 4L Linuron 40.6%	Flowable to be mixed with water	Broadcast or directed spray. Apply 2 to 4 pints per acre. Use lower rates on lighter soils.	In spring before or shortly after weeds germinate.	See label
Lorox DF Linuron 50%	Dispersible granule to be mixed with water	Broadcast or directed spray. Apply 2 to 4 lbs per acre. Use lower rates on lighter soils.	In spring before or shortly after weeds germinate.	See label
Escort Metsulfuron methyl 60%	Dry flowable	Red pine site preparation the season before planting. 1 – 2 oz per acre depending on weed species and timing.	When weeds are actively growing.	See label for tank mixes. Endangered species caution
Pendulum WDG Pendimethalin 60%	Water dispersible granule	Pre-emergent control of annual grasses and broad leaf weeds at planting time or to established trees. Directed or overtop spray. Apply 3.3 to 6.6 lbs per acre.	Apply to soil before annual weeds germinate.	Tank mix with glyphosate ok; see label.
Vantage Sethoxydim 13 %	Water dispersible liquid	Postemergent grass control. Ground or aerial, broadcast or directed spray. Apply 2.25 - 3.75 pt per acre.	Apply to actively growing grass, before seed head appears.	Poor control may result if grass is mowed and allowed to regrow before application.
Simazine 4L Simazine 41.9%	Water dispersible liquid	Broadcast, spot, band, directed or overtop spray. Apply 2 to 4 quarts of product in at least 25 gallons of water per acre.	Before weeds emerge or after weed removal	<b>Shake container well before pouring concentrate.</b> "Shelterbelt" wording allows use in plantations for erosion control. Tank mix with Oust OK. <b>Endangered species caution.</b>
Simazine 90 DF Simazine 90%	Water dispersible	Broadcast, spot, band, directed or overtop spray. Apply 2.2 to 4.4 lbs in at least 25 gallons of water per acre.	Before weeds emerge or after weed removal	"Shelterbelt" wording allows use in plantations for erosion control. Tank mix with Oust OK. <b>Endangered species caution.</b>
Oust XP Sulfometuron methyl 75%	Water dispersible granule	Aerial (helicopter only) or ground, broadcast, band or directed spray. Apply 1/2 to 1 ounce per acre.	In late fall or in spring after trees are planted, after planting slit closes.	Supplemental label for hybrid poplar. <b>Endangered species caution.</b>

Most product labels are available at: <http://www.cdms.net/pfa/LUpdateMsg.asp>